SCIFIT®

Scientific Solutions for Fitness.

Users' Operations Manual

SXT7000

SXT7000e²

SXT7000 & SXT7000e²
Elliptical Trainer

Fit-Key™ Compatible

Before using this product, read this manual and follow all safety rules and operating instructions.

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SAFETY INFORMATION

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and their explanations, deserve your careful attention and understanding. The safety warnings do not, by themselves, eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

Look for these symbols to point out important safety precautions. It means attention ! Your safety is involved.

⚠ WARNING

Failure to obey a safety warning **can** result in injury to yourself and others. Always follow the safety precautions to reduce the risk of personal injury.

⚠ CAUTION

Failure to obey a safety caution **can** result in injury to yourself and others. Always follow the safety precautions to reduce the risk of personal injury.

Read all instructions before using your SCIFIT exercise machine. Save these instructions for future reference.

Close supervision is necessary when exercise machine is being used by, or near children, or individuals with disabilities. Keep children away from extended hand and foot supports.

Use the exercise machine only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.

Never drop or insert any object into any opening.

Do not use outdoors or in a harsh environment where water is present (i.e. pool or spa areas).

INTRODUCTION

Thank you for your purchase of the SCIFIT SXT7000 or SXT7000e^2 *Elliptical Rotary Walker. We have incorporated the finest technology and ergonomic design into this machine to assist you in achieving your fitness goals. However, for your safety, please adhere to the following recommendations before you begin to exercise.*

The SCIFIT SXT7000 & SXT7000e^2 are designed for Class "S" (Studio), Class "I" (Special Needs) and Class "II a" (Medical Device Directive) applications. The intended uses are for Cardio & Pulmonary Rehabilitation as well as Sports Medicine, Physical Therapy, Physical Conditioning and Strength Training. SCIFIT equipment is suitable for placement in fitness, medical rehab, sports performance and recreational facilities. The SXT7000 & SXT7000e^2 have 200 levels of computer controlled resistance, which ensures that users of all fitness levels will be able to get a challenging but not overwhelming workout.

Consult Your Physician
Consult your physician or medical specialist before participating in any exercise program, especially if you are pregnant, or if you are suffering from: heart disease, respiratory disease, diabetes, hypertension, high blood pressure, elevated cholesterol, arthritis, or any other diseases or physical complaints.

Adult Usage
SCIFIT equipment is designed and intended for adult usage and children of appropriate ages while being supervised. Young children should be kept a safe distance away from equipment.

Cool Down
To prevent muscle injuries and soreness, you should always cool down (at least 5 minutes) by doing a series of stretches after each workout.

⚠ CAUTION
Always stretch after a workout session to reduce the risk of personal injury. Failure to stretch properly **may** result in injury to youerself.

Guidelines for Healthy Adults
The American College of Sports Medicine (ACSM) and the American Heart Association (AHA) are continuously updating guidelines and recommendations for physical activity.

The current basic recommendations from ACSM and AHA is:

Do moderately intense cardio 30 minutes a day, five days a week.

OR

Do vigorously intense cardio 20 minutes a day, three days a week.

AND

Do eight to ten strength-training exercises, eight to twelve repetitions of each exercise twice a week.

Moderate-intensity physical activity means working hard enough to raise your heart rate and break a sweat, yet still being able to carry on a conversation. It should be noted that to lose weight or maintain weight loss, 60 to 90 minutes of physical activity may be necessary. The 30 minute recommendation is for the average healthy adult to maintain health and reduce the risk for chronic disease.

To review the latest guidelines and recommendations, visit the American College of Sports Medicine website: *www.acsm.org*

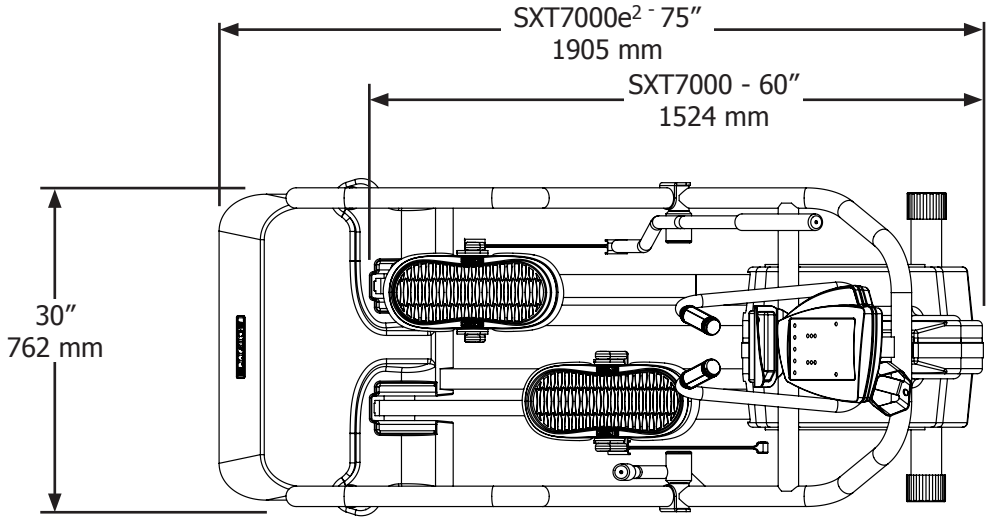
⚠ WARNING
Stop exercising immediately if you feel nausea, dizziness, sharp pain, or any other physical discomfort. Failure to stop excercising **can** result in injury or death to yourself.

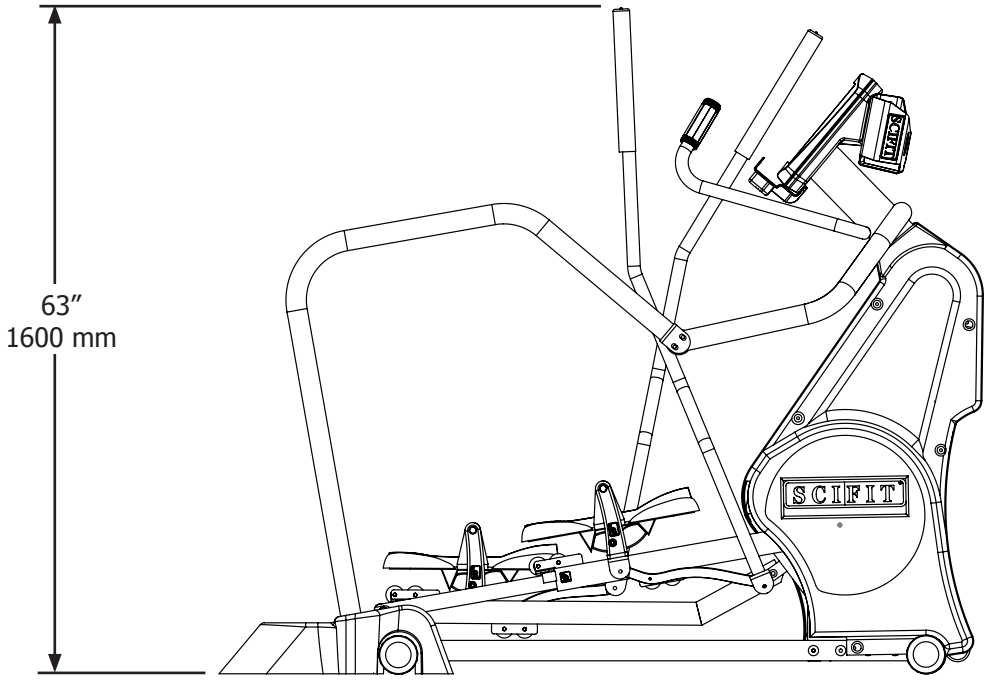
Train Intelligently
To ensure a future of good health, you should always eat well balanced meals, drink plenty of fluid/water during a workout, and stay fit by exercising intelligently. Always follow training guidelines that are specific to your own physical condition.

⚠ WARNING
Injuries to health may result from incorrect or excessive training. Failure to stop excercising **can** result in injury or death to yourself.

SPECIFICATIONS

Weight	**SXT7000** - 275 lbs. / 125 Kg. . . . . .**SXT7000e²** - 336 lbs. / 152 Kg.
Max User Weight . .	350 lbs. / 159 Kg.
Power	Self generating w/auto recharge battery back-up.
	Optional Low Voltage AC adapter available.
Resistance System .	Electromagnetic Self Generating Bi-directional Resistance
Work Load.	Speed dependent - CONSTANT WORK & ISO-STRENGTH programs
	Speed Independent - MANUAL, HEART RATE, RANDOM & HILL PROFILES programs
Accuracy Class.	Class A
Warranty	Within U.S. & Canada 3 years parts, 1 year labor
	Outside U.S. 3 years parts, no labor



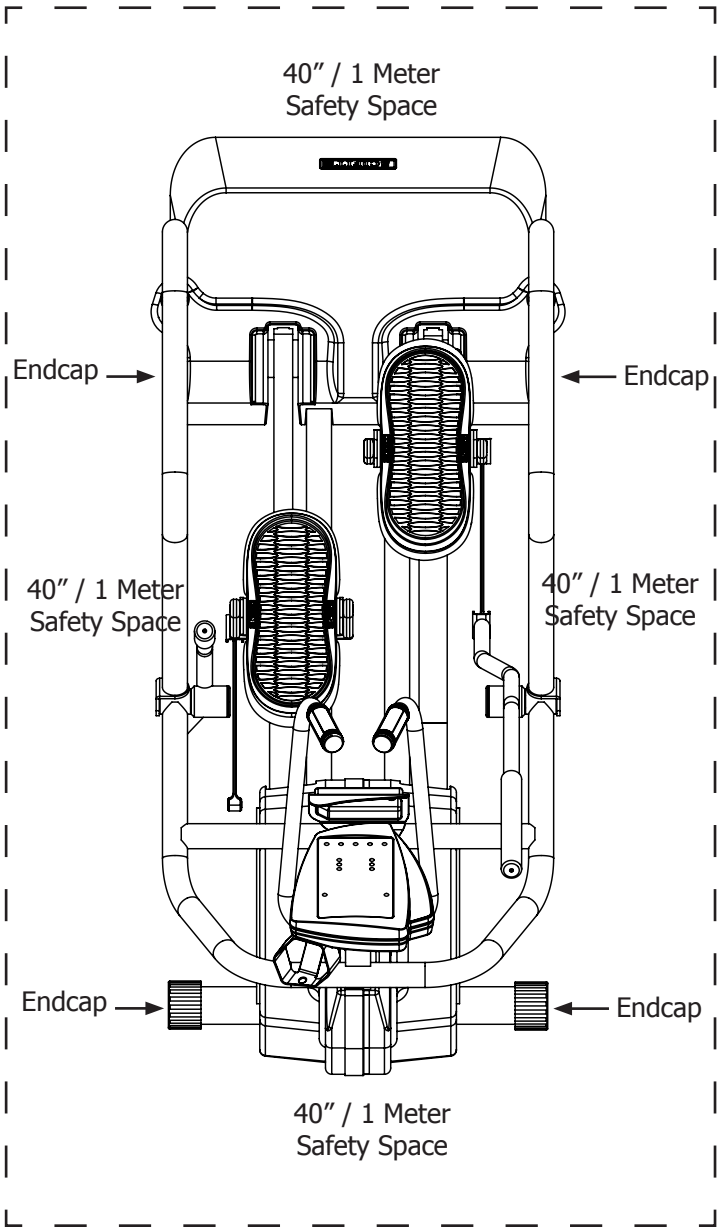


Placement of Cardiovascular Machine
Position the unit in a location that has a stable and level sub-floor. Equipment should be positioned in a location that is not in direct sunlight, in areas of extreme temperature and humidity, or where the equipment may be splashed with water or fluids. This machine is intended for indoor use only.

Equipment should be positioned with a safety perimeter of 40" or 1 meter around unit.

⚠ WARNING
Failure to place the equipment on a stable and level sub-floor with a safety perimeter can result in injury to yourself and others.

Level Cardiovascular Machine
If the sub-floor is unlevel, the unit is equipped with leveling end caps. The end caps are designed with the recess of end cap off centered. This allows you to rotate the endcap(s) to a position that will level the equipment. After adjustment, check and make sure end caps are fully seated against base frame tubes.



Proper Supervision
Close supervision is required when the exercise machine is being used by or near individuals with disabilities. Keep unsupervised children outside the safety perimeter.

Cleaning
Never clean the machine with organic solvents, alcohol or bleach based cleaners. To promote a healthy environment, wipe any sweat off of unit with a commercially manufactured wipe designed for the finess industry, or a damp cloth.

ASSEMBLY

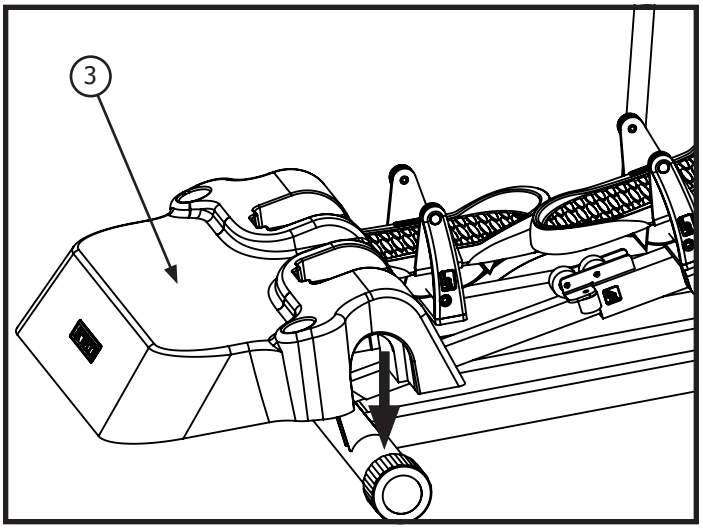
Assembly
Some equipment shipped overseas assembly is required (SXT7000e^2 only). Follow the steps below for assembly.

Required Tools:
7/32" Allen Wrench

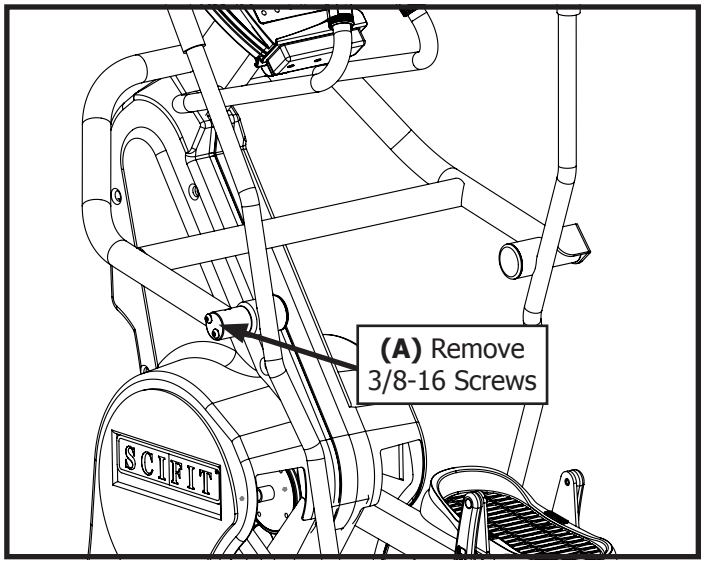
Required Parts:

Item	Qty.	Description	Part #
1	1	Left Handrail	A3221
2	1	Right Handrail	A3222
3	1	Easy Access Step	A3223

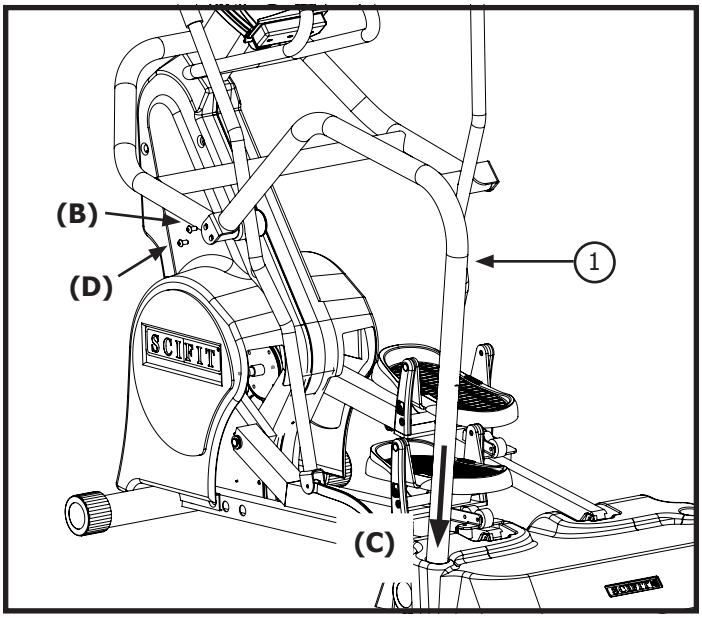
Position Access Step
Place Easy Access Step over the front cross tube and telerails. Ensure access step is resting flush on floor.



Mount Left & Right Handrails
(A) Remove the two 3/8-16 x 3/4 Socket Button Head Screws from the Pivot Housing.

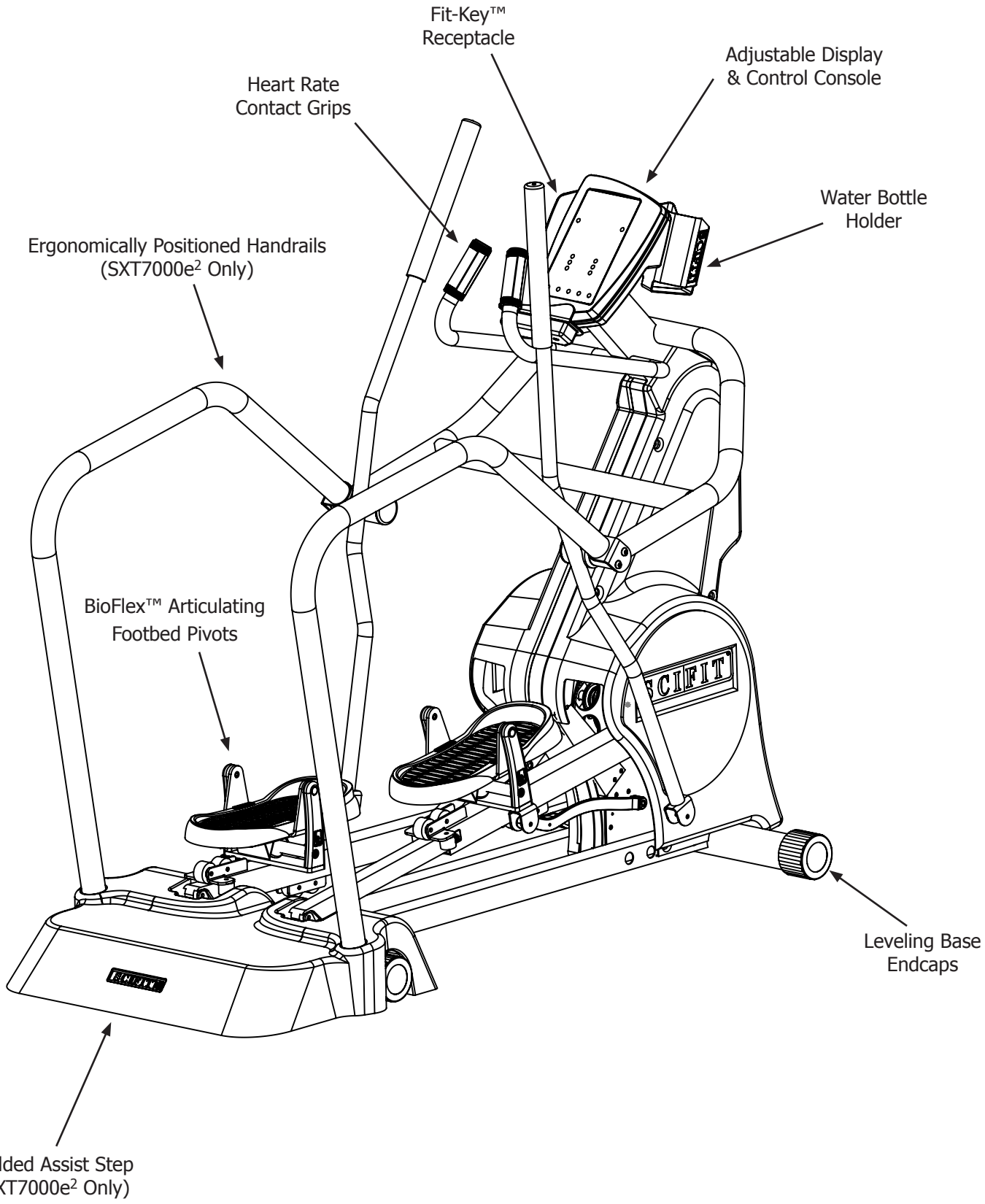


(B) Align the upper Left Handrail mountng slot with the upper hole of Pivot Housing, with 7/32" Allen Wrench replace 3/8-16 x 3/4 screw into pivot. Do not tighten screw. **(C)** Insert bottom end of handrail into recess hole of access step. **(D)** Replace second 3/8-16 screw and tighten both screws.



Repeat process for Right Handrail. (2)

PRODUCT OVERVIEW



KEYPAD FUNCTIONS

TIME - The Time readout displays the user input of work level desired in a program, also the amount of workout time desired. During the running of a program it displays the amount of minutes that are left in the workout program.

Message Screen - The Message screen displays instructions on how to start and input program parameters. It also gives feedback information particular to each program i.e. Watts (indication of work), Heart Rate amount, Level of intensity, RPM turned, Calories burned, Distance traveled. Red LED lights light up next to the corresponding output.

Work Level Status Screen - The Work Level Status Screen gives a progressive real-time indication of current work level of any and all programs.

SCAN - When Scan Key is pressed, the display will return to the normal, scan view of all the function values.

SELECT - The Select key locks the display functions at their current settings. When pressed again, Select will cause the display to roll to its next mode and lock it there.

MANUAL - The Manual program allows the user to set the intensity at any level. This level will not change unless the user manually increases or decreases the intensity using the UP or DOWN arrow keys.

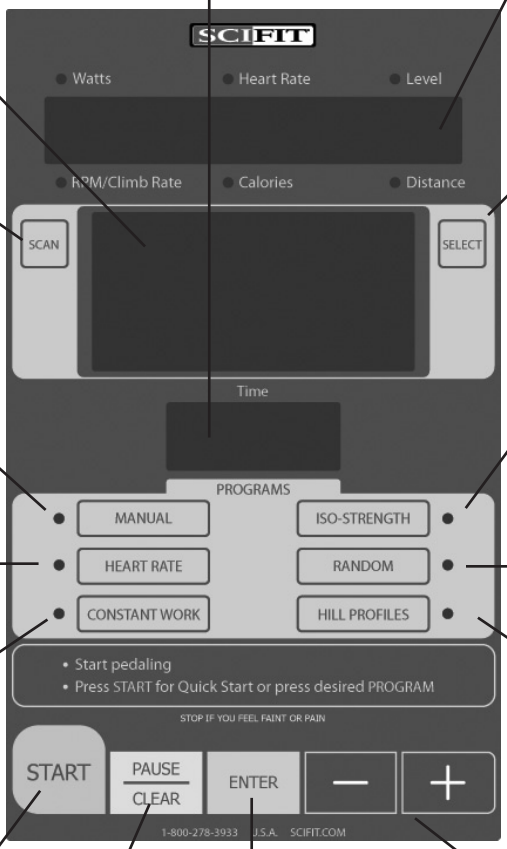
ISO-STRENGTH - The ISO-Strength program enables the user to set the target RPM rate. The computer continuously monitors the RPM, and increases the resistance if the measured RPM exceeds the target RPM.

HEART RATE - The Heart Rate program enables the user to set a target heart rate. Through real-time monitoring of the user's heart rate, the computer maintains the user's heart rate near this established target rate by altering the intensity. This program will work only with the optional chest strap.

RANDOM - The Random program provides a different program each time. The level of intensity throughout this program varies in a random fashion.

CONSTANT WORK - In the Constant Work program, pedal resistance is automatically adjusted to compensate for any changes in pedal speed (RPM), thus workload (watts) will remain constant at any given setting. Therefore, at higher RPM's, the perceived load on the muscles is reduced while maintaining a target wattage.

HILL PROFILES - Select between six different profiles of various intensity and intervals. The six profiles are;
Course, Sprints, Twin Peaks, Peak, Progressive, Multi-Peak



START - The Start key provides a one-touch "quickstart" in Manual mode, or after logging into a program, the start key will activate the selected program.

ENTER - The Enter key is pressed to enter selected values for the following workout parameters. Program, Level and Time.

- and + - When pressed before a workout has begun, the plus and minus keys are used for increasing the value of the workout parameters. Time and Level (the desired values can then be chosen using the Enter key).

When pressed during a workout, these keys may also be used to:

(1) Change the intensity level in the Manual, Random and all Hill Profile programs.

(2) Change the target heart rate in the Heart Rate program.

(3) Change the target wattage in the Workload Control (watts) program.

(4) Change the target RPM value in the ISO-Strength (Isokinetic) program.

PAUSE/CLEAR - The Pause/Clear key will pause the timer any time during a program. Pressing Pause/Clear when in the paused mode will clear the program. To restart a paused program, press start.

BIOMECHANICAL POSITIONING

Body Positioning
Comfort is a key issue to obtain the most beneficial exercise. The feet should be centered above the pivot points of the footbed. This will reduce foot stress, ankle strain and promote better circulation.

SCIFIT's patented Bio-Flex is designed to accommodate the user's natural gait and allow the user to target specific muscle groups. For example, keeping your heels down longer throughout the stride pattern encourages greater muscle recruitment of the glutes and hamstrings. The Bio-Flex footbed also recruits the stabilizing muscles in the legs and torso. Use extreme caution when attempting to use the SCIFIT Elliptical without holding onto either the moving or stationary handles.

SCIFIT SXT7000 and SXT7000e^2 Ellipticals can be used in forward and reverse. To change directions, bring the movement to a slow stop and begin the opposite movement. Changing direction of movement during exercise recruits the largest group of muscles and helps bring balance to the muscle groups. Consult your fitness or medical professional for specific targeting of muscle groups or for the rehabilitation of specific conditions.

An upright body posture will result in a broader muscle recruitment and greater torso rotation.

Hand Position
Holding high on the handles provides greater upper body involvment while holding lower will minimize arm movement and torso rotation. The photo shows a higher grip which will promote upper body exercise.

Important Note: When using this product for medical or rehabilitation purpose, the program selection and work load should be set by the attending therapist or medical professional based on the specific needs of the user.

⚠ CAUTION
Always follow medical professionals guidelines to reduce the risk of personal injury. Failure to follow their directions **may** result in injury to yourself.

12V Power Pack

To provide continuous power to the display when equipment is not in operation, plug in the 12V power pack into the jack located on the lower back side of center console.

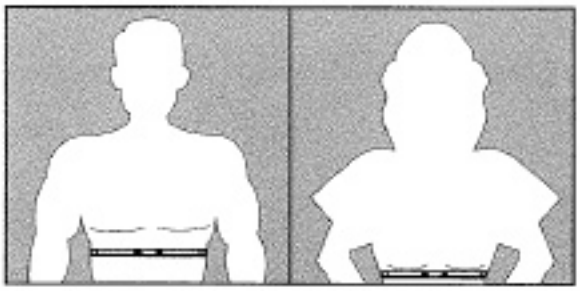
HEART RATE TRANSMITTER STRAP & CONTACT GRIPS

Uses of the Heart Rate Transmitter Strap
The optional wireless heart rate transmitter accessory is a useful device if you desire continuous feedback on your current heart rate during a workout. In addition, the SXT7000 & SXT7000e^2 include a Heart Rate Control program which requires use of the strap.

The Heart Rate Control program enables the user to set-up a target heart rate. Through real-time monitoring of the user's heart rate, the computer maintains the user's heart rate at or below this established target rate by decreasing the workload if the user's heart rate exceeds the target.

Activating & Deactivating Transmitter
Heart Rate Transmitter Straps come in a variety of styles and manufacturers. To properly activate, secure strap to the chest and to deactivate follow the instructions that come with the Transmitter Strap.

⚠ CAUTION
Always follow manufacturers instructions for proper care and use. Failure to follow manufacturers instructions may result in injury to yourself.

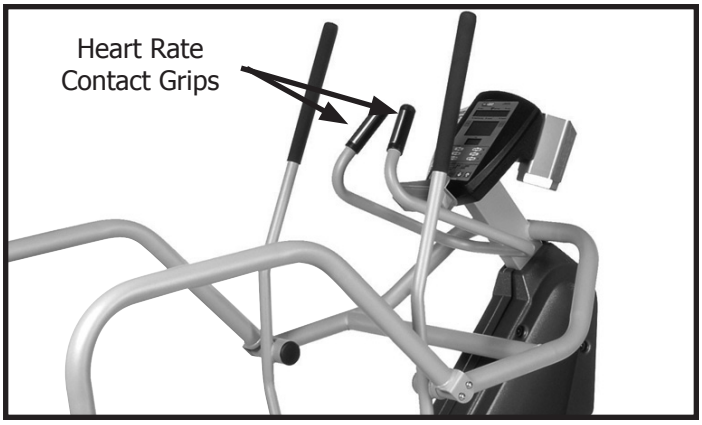


⚠ WARNING
Heart Rate monitoring systems may be inaccurate. If you feel faint, stop exercising immediately. Over exercising may result in serious injury or death.

Use of the Heart Rate Contact Grips
For those models with contact heart rate grips, simply grip the contact pads lightly. After a short delay the pulse reading will appear on the display. If a heart rate transmitter strap is worn, it will override the contact pickup.

The contact grips are not designed for use with SCIFIT's Heart Rate Control program. This program requires a steady, continuous telemetry signal which can not be provided using contract heart rate grips.

While the contact grips provide a good barometer for monitoring the users heart rate, they are not recommended for medical where accuracy of monitoring is vital.



Calculating Target Heart Rate Zone
Your approximate **Maximum Heart Rate (MHR)** is equal to 220 minus your age. The upper limit of your target zone is equal to 0.85 times your MHR. The lower limit of your target zone is equal to 0.60 times your MHR.

For Example:
Your age is 40:
220 - 40 = 180
180 x .85 = 153 (max MHR)
180 x .65 = 108 (min MHR)

These values are based upon averages, always consult your physician to establish the proper Heart Rate Zone for your individual health condition.

PROGRAM INSTRUCTIONS

Programs
SCIFIT products have 200 levels of computer controlled resistance, which ensures that users of all fitness levels will be able to get a challenging but not overwhelming workout. Because the resistance is adjustable in .1 increments, it is easy for the user to track progress. SCIFIT products feature one of the highest resistance capabilities available on any cardio equipment.

SCIFIT products are self generated and have an extremely low starting resistance. One pedal movement or crank revolution activates the console and the screen will remain lit at the most minimal levels of movement.

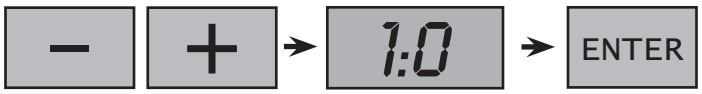
SCIFIT products have a battery back up which will keep the screen lit for a short period after exercise or if the user stops. This varies between 30 seconds and 1 minute and can change with the amount of use each product gets.

If you prefer the computer to remain lit before and after use, an optional wall pack can be plugged in to accomplish this. This is common in medical settings and with Fit-Key Programs.

MANUAL — The default Work Level for Manual is 4.0

RANDOM OR HILL PROFILE → ENTER

• Adjust Work Level
To set the Work Level, use the +(plus) or - (minus) keys to increase or decrease the workout intensity. The higher the number, the harder the workout. The default Work Level is 1 for Random and Hill Profile.

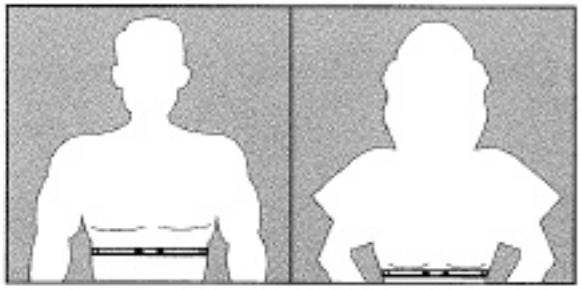


• Adjust Workout Time
Adjust the workout time with the +(plus) or -(minus) keys. The default time is 20 minutes.

• Press Start and Begin Exercising

Heart Rate Program
The Heart Rate Transmitter Strap is required for this program. Refer to Section 8, Heart Rate Transmitter Strap for a complete instruction on using the strap. Refer to section 8, to understand how to calculate your Target Heart Rate.

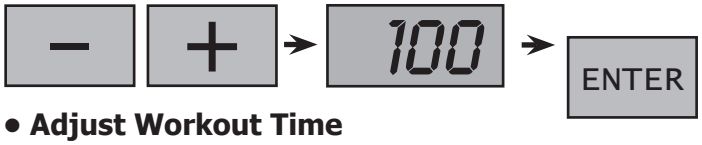
• Put on Heart Rate Transmitter Strap



• Start Movingg Crank Arms
• Press HEART RATE program key.

HEART RATE

• Adjust Target Heart Rate
Use the + (plus) or - (minus) keys to adjust Heart Rate. The default value is 100.



• Adjust Workout Time
Adjust the workout time with the + (plus) or - (minus) keys. The default time is 20 minutes.

• Press Start and Begin Exercising

Constant Work
Constant Work is a unique program that allows a user to set a target wattage output (or workload). The computer will control the resistance so that the user is always working at that target level, regardless of speed. Resistance is lower at higher speeds and higher at lower speeds.

- **Start Moving Crank Arms**
- **Press Constant Work** program key.

- **Adjust Target Watts**

Use the + (plus) or - (minus) keys to adjust Watts until the desired wattage is displayed. The default value is 50.

- **Adjust Workout Time**

Adjust the workout time with the + (plus) or - (minus) keys. The default time is 20 minutes.

- **Press Start and Begin Exercising**

ISO-Strength
ISO-Strength is a isokinetic program, meaning that the unit will resist your movements in order to force you to stay at a set speed. This type of strength workout will not cause excessive soreness because it is accommodating. The computer adjusts resistance based upon the strength or weakness at a specific point in the movement and reacts to fatigue.

- **Start Moving Crank Arms**
- **Press ISO-Strength** program key.

- **Adjust Target RPM**

Use the + (plus) or - (minus) keys to adjust RPM until the desired RPM is displayed. The default value is 50.

- **Adjust Workout Time**

Adjust the workout time with the + (plus) or - (minus) keys. The default time is 20 minutes.

- **Press Start and Begin Exercising**

Fit-Key™ System (Optional)
All SCIFIT equipment is equipped with the Fit-Key™ system, but it is not required to operate the unit. Fit-Key™ is a program that records and stores work out data on a key that can be then transferred to a computer with a Fit-Key™ reader.

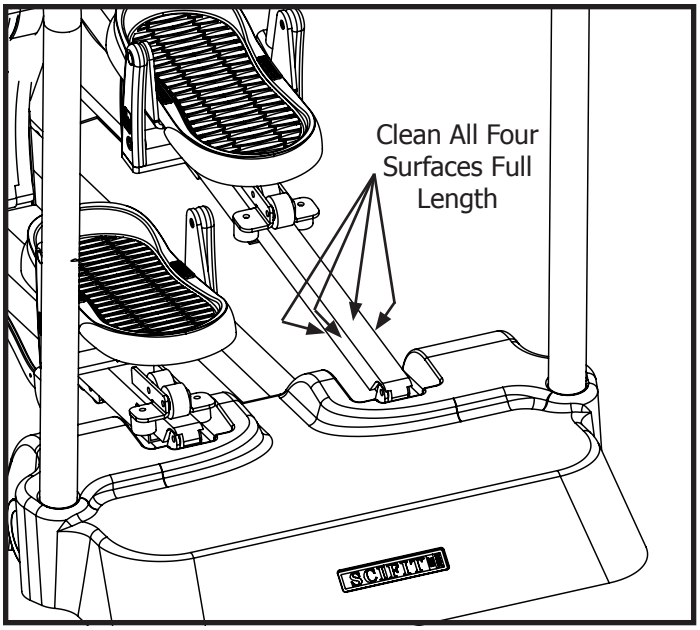
MAINTENANCE & SERVICE

Maintenance

The SXT7000 & SXT7000e^2 are virtually maintenance free. After training, always wipe down your SCIFIT exercise product. Perspiration that continuously settles on the frame, upholstery, casings, and control console may eventually cause rust or damage. Damage resulting from lack of maintenance is NOT covered under warranty.

Clean the console, seat, hand grips and body with a commercially manufactured wipe designed for the fitness industry, or a damp cloth.

Pay special attention to the surfaces that the rollers roll on. Small debris on these surfaces will cause a rough feel in motion and can lead to pitting and small gouges.



⚠ CAUTION

In order to maintain a safe level of operation, equipment must be inspected on a routine basis for damaged or worn parts. Failure to inspect equipment may result in injury to yourself or others.

Special attention should be paid to rollers, pins, pivot joints and bearings. Check for loose screws / nuts / bolts periodically. If defective components are identified and require replacement, the equipment should be put out of service until repaired.

UNITED STATES CUSTOMER SERVICE

For assistance in the service of SCIFIT products;

phone : (800) 745-1373 or (918) 359-2040
fax : (918) 359-2045
e-mail: service@scifit.com

The Product Support department is staffed from 7:00 AM to 6:00 PM CST Monday through Friday. A voice mail service is available 24 hours a day for recording messages to request technical support and to order replacement parts. Our mailing address is:

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Berkshire, RG42 4HP
UK

Company Number: 5970624 (UK)

WARRANTY

SCIFIT Statement of Warranty
SCIFIT warranties new products against defective workmanship and/or materials under normal and proper use subject to the following limitations:

(a) SCIFIT's obligation to the original purchaser shall apply to:

Within the United States and Canada both parts and the cost of labor required to replace or repair a defective product for a period of one (1) year from user purchase date as documented by warranty card and if warranty card has not been returned by user then date of shipment from the factory. Thereafter, for a period of two (2) years, such obligation shall extend only to the supply of replacement parts or products with any labor cost associated with such replacement or repair to be at Buyer's expense.

Outside the United States and Canada replace defective product for a period of three (3) years from user purchase date as documented by warranty card and if warranty card has not been returned by user then date of shipment from the factory.

(b) SCIFIT's obligation shall be limited to repairing or replacing defective parts. No allowance shall be granted for repairs made by Buyer without SCIFIT's prior written approval. The decision to replace or repair shall be solely at SCIFIT's discretion.

(c) SCIFIT's warranty does not apply to parts requiring replacement or repair due to abnormal wear and tear, improper use, corrosion (perspiration), improper maintenance, improper rated, grounded or dedicated electrical circuits or improper storage, nor does it apply where all or part of the product has been altered from its original state.

(d) **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARISING BY LAW OR OTHERWISE INCLUDING WARRANTY OR MERCHANTABILITY OR FITNESS FOR PURPOSE, AND IS IN LIEU OF ALL OTHER LIABILITIES OF SCIFIT INCLUDING DIRECT, INDIRECT, SPECIAL AND CONSEQUENTIAL DAMAGES OR PENALTIES EXPRESSED OR IMPLIED WHETHER ARISING OUT OF CONTRACT, NEGLIGENCE OR OTHER TORT.**

(e) Certain wear items are excluded from warranty coverage unless determined to be defective. These items include, but not limited to:

Seat, Rubber Footpads, Pedal Straps if equipped, Water Bottle Holder, Magazine Rack.

Freight and Shipping
SCIFIT is not responsible for the repair or replacement of any unit or part damaged during transit or installation. Fire, flood and acts of nature are NOT covered under this warranty. The customer is responsible for inspection of each unit and part for shipping damage at the time of delivery or installation. The customer is responsible for pursuing all freight damage claims with the appropriate transit company. **If the customer signs an unqualified receipt for freight-damaged goods, customer is solely responsible for the cost of repair or replacement for such freight damage.**

Record Your Model Number:_____

Record Your Serial Number:_____

Record Your Date of Purchase:_____

SCIFIT®

Scientific Solutions for Fitness.

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www.scifit.com

CE

Part No. P3868
Rev.: A; 12/15/07